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PTO/SB/08A (08-00)

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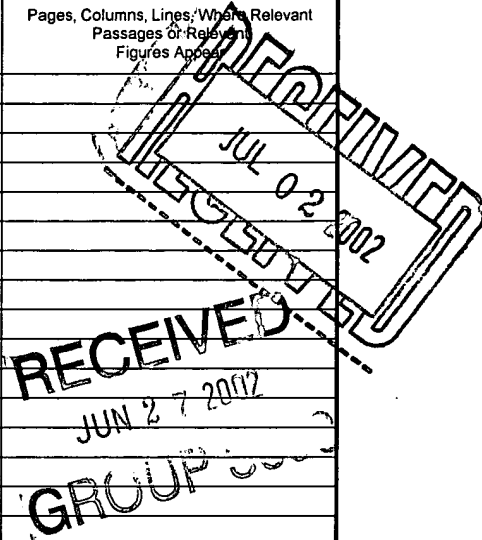
Sheet 1 of 2

Complete if Known

Application Number	Unknown
Filing Date	November 28, 2001
First Named Inventor	Li-Wen Chen
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	52719.00033

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
DCH	A	4,972,504		Daniel, Jr., et al.	11/20/1990	
	B	5,036,314		Barillari, et al.	07/30/1991	
	C	5,168,445		Kawashima, et al.	12/01/1992	
	D	5,191,522		Bosco, et al.	03/02/1993	
	E	5,299,115		Fields, et al.	03/29/1994	
	F	5,615,109		Eder	03/25/1997	
	G	5,644,723		Deaton, et al.	07/01/1997	
	H	5,715,450		Ambrose, et al.	02/03/1998	
	I	5,721,903		Anand, et al.	02/24/1998	
	J	5,758,355		Buchanan	05/26/1998	
	K	5,787,437		Potterveld, et al.	07/28/1998	
	L	5,794,246		Sankaran, et al.	08/11/1998	
	M	5,893,075		Plainfield, et al.	04/06/1999	
	N	5,873,096		Lim, et al.	02/16/1999	
	O	5,854,746		Yamamoto, et al.	12/29/1998	
	P	6,151,601		Papierniak, et al.	11/21/2000	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
DCH	Q	WPO	WO 200057311-A2		EUBANKS	09/28/2000		

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Date Considered

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DLH	R	GOPALKRISHNAN, et al. Star/Snow-flake Schema Driven Object-Relationship Data Warehouse Design and Query Processing Strategy. Star Schema Conversion to Object-Relational Warehouse.	
	S	BROOKS, Mark of the Data Marts. DBMS, March 1997, v10, n3, pp 55(4).	
	T	KRIPPENDORF, et al. The Translation of Star Schema Into Entity Relationship Diagrams. Database and Expert Systems Applications, Sept. 1997, pp 390-395.	
	U	GREENE. Oracle8 Server Unleashed. Sams, 1998, chapter 30 "Data Warehouses".	
	V	BRACHMAN et al. Mining Business Databases. Communication of the ACM, Nov. 1996, pp 42-48.	
DLH	W	FIRESTONE. Object-oriented Data Warehousing. Executive Information Systems, Inc. White Paper No. 5, August 7, 1997, downloaded 7/25/01 http://dkms.com	

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